United Nations

Framework Convention on Climate Change

FCCC/ASR/2017/KAZ

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Status report of the annual inventory of Kazakhstan

1. This status report was prepared by the secretariat pursuant to decision 22/CMP.1 in conjunction with decision 4/CMP.11, as part of the initial check of Kazakhstan's annual inventory, submitted in accordance with decisions 24/CP.19 and 15/CMP.1 in conjunction with decisions 3/CMP.11 and 2/CMP.8. It reflects the content of the 2017 inventory submission as submitted by the Party (dates of submission are provided in the tables on pages 2 and 3).

2. In this report, the following abbreviations are used:

CRF: common reporting format
GHG: greenhouse gas
HWP: harvested wood products
KP-LULUCF: LULUCF emissions and removals from activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol
LULUCF: land use, land-use change and forestry
IPPU: industrial processes and product use
NIR: national inventory report
SBDT: sectoral background data tables
SEF: standard electronic format
SWDS: solid waste disposal sites

Gases

CO_2: carbon dioxide
CH_4: methane
N_2O: nitrous oxide
HFCs: hydrofluorocarbons
PFCs: perfluorocarbons
MIX: Unspecified mix of HFCs and PFCs
SF_6: sulphur hexafluoride
NF_3: nitrogen trifluoride
NO_X: nitrogen oxides
CO: carbon monoxide
NMVOCs: non-methane volatile organic compounds
SO_2: sulphur dioxide

Kyoto Protocol units

AAU: assigned amount unit
ERU: emission reduction unit
RMU: removal unit
CER: certified emission reduction
lCER: long-term certified emission reduction
tCER: temporary certified emission reduction

Notation keys

C: confidential
IE: included elsewhere
NA: not applicable
NE: not estimated
NO: not occurring

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GREENHOUSE GAS INVENTORY SUBMISSION													
General information		*Date of receipt*		*Date of resubmission*		*Comments*							
	NIR												
	CRF tables[a]	14 April 2017											
	Additional information[b]												
	CRF tables provided for years	1990–2015											
	Base year or period[c]	1990	Base year for HFCs, PFCs and SF_6[d]						Base year for NF_3[e]				
	Gases covered	CO_2	CH_4	N_2O	HFCs	PFCs	MIX	SF_6	NF_3	NO_X	CO	NMVOCs	SO_2
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NIR	Description	At the time of this reports publication the Party had not submitted the 2017 NIR.											
	Language of NIR												
CRF tables	Source categories accounting for 7% or more of Party's aggregate emissions from sources included in Annex A to the Kyoto Protocol	No missing source category accounting for 7 per cent of more has been identified											

[a] CRF tables are contained in annex II to decision 24/CP.19.

[b] Additional information can be any information submitted by a Party in conjunction with the NIR or CRF tables.

[c] Parties included in Annex I to the Convention undergoing the process of transition to a market economy may use a base year or a period of years other than 1990, in accordance with the provisions of Article 4, paragraph 6, of the Convention and decisions 9/CP.2 and 11/CP.4.

[d] A Party may select 1995 as the base year for HFC, PFC and SF_6 gases in accordance with Article 3, paragraph 8, of the Kyoto Protocol.

[e] A Party may select 1995 or 2000 as the base year for NF_3 in accordance with Article 3, paragraph 8 bis of the Doha Amendment.

[f] In accordance with decision 15/CMP.1, para. 3(b), in conjunction with decision 3/CMP.11.

SUBMISSION OF SUPPLEMENTARY INFORMATION UNDER ARTICLE 7, PARAGRAPH 1, OF THE KYOTO PROTOCOL					
Reporting of supplementary information		*Date of receipt*	*Date of resubmission*	*Comments*	
	KP-LULUCF information[a]				
	KP-LULUCF CRF tables[b]	14 April 2017		KP-LULUCF CRF tables provided for years	1990–2015
	Information on Kyoto units (ERUs, CERs, RMUs and AAUs)[c]				
	SEF tables[d] with Kyoto Protocol units				
	Changes in national system[e]				
	Changes in national registry[e]				
	Minimization of adverse impacts[e]				

[a] Parties are required to include in their annual submission information on anthropogenic GHG emissions by sources and removals by sinks from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol, and, if any, elected activities under Article 3, paragraph 4, in accordance with decision 2/CMP.8, annex II, paragraphs 1–5.

[b] Parties are required to report anthropogenic GHG emissions by sources and removals by sinks from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol, forest management and, if any, elected activities under Article 3, paragraph 4. Parties may also elect to report these tables for the base year or 1990.

[c] Parties are required to include in their annual submission information on ERUs, CERs, tCERs, lCERs, AAUs and RMUs, in accordance with decision 15/CMP.1, annex, chapter I.E, in conjunction with annex II to decision 3/CMP.11,.

[d] SEF tables for reporting Kyoto Protocol units, as required by annex II to decision 3/CMP.11.

[e] The requirements for Parties to report on changes in national systems in accordance with Article 5, paragraph 1, of the Kyoto Protocol, changes in national registries, and the minimization of adverse impacts in accordance with Article 3, paragraph 14, of the Kyoto Protocol, are set out in decision 15/CMP.1, annex, chapters I.F, I.G and I.H respectively, in conjunction with annex II to decision 3/CMP.11.

PART I

Provision of information for the latest reported inventory year in the common reporting format: 2015

Tables

	Energy		*IPPU*		*Agriculture*		*LULUCF*		*KP-LULUCF[a]*		*Waste*	
Sectoral report tables	1	✓	2(I)	✓	3	✓	4	✓	NIR-1	✓	5	✓
			2(II)	✓								
Sectoral background data tables	1.A(a)	✓	2(I).A–H	✓	3.A	✓	4.1	✓	NIR-2	✓	5.A	✓
	1.A(b)	✓	2(II).B-H	✓	3.B(a)	✓	4.A	✓	NIR-3		5.B	✓
	1.A(c)	✓			3.B(b)	✓	4.B	✓	4(KP) Recalculations		5.C	✓
	1.A(d)	✓			3.C	✓	4.C	✓	4(KP)	✓	5.D	✓
	1.B.1	✓			3.D	✓	4.D	✓	4(KP-I)A.1	✓		
	1.B.2	✓			3.E	✓	4.E	✓	4(KP-I)A.1.1	✓		
	1.C	✓			3.F	✓	4.F	✓	4(KP-I)A.2	✓		
	1.D	✓			3.G-I	✓	4(I)	✓	4(KP-I)A.2.1	✓		
							4(II)	✓	4(KP-I)B.1	✓		
							4(III)	✓	4(KP-I)B.1.1	✓		
							4(IV)	✓	4(KP-I)B.1.2			
							4(V)	✓	4(KP-I)B.1.3	✓		
									4(KP-I)B.2	✓		
									4(KP-I)B.3	✓		
									4(KP-I)B.4	✓		
									4(KP-I)B.5	✓		
									4(KP-I)C	✓		
									4(KP-II)1	✓		
									4(KP-II)2	✓		

PART I

Provision of information for the latest reported inventory year in the common reporting format: 2015 (continued)

								4(KP-II)3	✓					
								4(KP-II)4	✓					
								Accounting table	✓					
	Summary tables	Summary table 1.A	✓	Summary table 2	✓			Summary table 3		✓				
	Other tables	Table 6 (Indirect emissions of N_2O and CO_2)	✓	Table 7 (Key categories)	✓			Table 8 (Recalculation)						
		Table 9 (Completeness)	✓	Table 10 (Emission trends)	✓									
	Comments													
Totals	*Provided for gases*	*CO_2* ✓	*CH_4* ✓	*N_2O* ✓	*HFCs* ✓	*PFCs* ✓	*MIX* ✓	*SF_6* ✓	*NF_3* ✓					
	Provided for years	1990–2015	1990–2015	1990–2015	1990–2015	1990–2015	1990–2015	1990–2015	1990–2015					
CO_2	*Comparison of CO_2 emissions from fuel combustion*	*Reference approach*	*Sectoral approach*	*Difference more than 2%*	*If difference is more than 2% explanation provided in CRF table 1.A(c)*									
		✓	✓											
HFCs and PFCs	*Disaggregation by species*	*HFCs*	*PFCs*											
		✓	✓											
Notation keys	*Used in*	*Summary table 1.A*	✓	*Sectoral report tables*	✓	*Sectoral background data tables*	✓							
	Comments													

[a] Parties are required to report anthropogenic GHG emissions by sources and removals by sinks from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol, and, if any, elected activities under Article 3, paragraph 4, using the agreed CRF tables adopted under decision 6/CMP.9.

PART II

Provision of common reporting format tables for years reported

			Years															
			Base year[a]	*1990*	*1995*	*2000*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*	*2015*	*Comments*
Energy	Sectoral report: Table 1		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	SBDT	Table 1.A(a)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.A(b)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.A(c)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.A(d)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.B.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.B.2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2015. For these years the notation key NA is used.
		Table 1.D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
IPPU	Sectoral reports:	Table 2(I)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 2(II)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–1997. For these years the notation keys NA and NO are used.
	SBDT	Table 2(I).A–H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 2(II).B–H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–1997. For these years the notation keys NA and NO are used.

PART II

Provision of common reporting format tables for years reported (continued)

			Years															
			Base year[a]	*1990*	*1995*	*2000*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*	*2015*	*Comments*
Agriculture	Sectoral report: Table 3		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	SBDT	Table 3.A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 3.B(a)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 3.B(b)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 3.C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 3.D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 3.E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2015. For these years the notation key NO is used
		Table 3.F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2015. For these years the notation key NO is used
		Table 3.G-I	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2015. For these years the notation key NO is used

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PART II

Provision of common reporting format tables for years reported (continued)

			Years															
			Base year[a]	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Comments
UNFCCC	Sectoral report: Table 4		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	SBDT	Table 4.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4.A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4.B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4.C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4.D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the year 1992. For this year the notation key NO is used.
		Table 4.E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4.F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4.G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2015. For these years the notation keys IE and NO are used.
		Table 4(I)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2015. For these years the notation key NO is used.
		Table 4(II)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2015. For these years the notation key NO is used.
		Table 4(III)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4(IV)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2015. For these years the notation key IE is used.
		Table 4(V)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

PART II

Provision of common reporting format tables for years reported (continued)

			Years				
			Base year[a]	*2013*	*2014*	*2015*	*Comments*
KP-LULUCF	Sectoral report:	Table NIR-1	✓	✓	✓	✓	
		Table NIR-2	✓	✓	✓	✓	
		Table NIR-3					
		Table 4(KP) Recalculations	✓	✓	✓		
		Table 4(KP)	✓	✓	✓	✓	
	SBDT	Table 4(KP-I)A.1	✓	✓	✓	✓	
		Table 4(KP-I)A.1.1	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990, 2013–2015. For these years the notation keys NE and NO are used.
		Table 4(KP-I)A.2	✓	✓	✓	✓	
		Table 4(KP-I)A.2.1	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990, 2013–2015. For these years the notation key NE is used.
		Table 4(KP-I)B.1	✓	✓	✓	✓	
		Table 4(KP-I)B.1.1	✓	✓	✓	✓	
		Table 4(KP-I)B.1.2					

PART II Provision of common reporting format tables for years reported (continued)					
	Years				
	Base year[a]	2013	2014	2015	Comments
Table 4(KP-I)B.1.3	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990, 2013–2015. For these years the notation keys NE and NO are used.
Table 4(KP-I)B.2	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990, 2013–2015. For these years the notation keys IE, NE and NO are used.
Table 4(KP-I)B.3	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990, 2013–2015. For these years the notation keys IE and NO are used.
Table 4(KP-I)B.4	✓	✓	✓	✓	
Table 4(KP-I)B.5	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990, 2013–2015. For these years the notation key NO is used.
Table 4(KP-I)C	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990, 2013–2015. For these years the notation keys IE, NE and NO are used.
Table 4(KP-II)1	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990, 2013–2015. For these years the notation key NO is used.
Table 4(KP-II)2	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990, 2013–2015. For these years the notation keys NE and NO are used.
Table 4(KP-II)3	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990, 2013–2015. For these years the notation keys IE and NO are used.
Table 4(KP-II)4	✓	✓	✓	✓	
Table Accounting	✓	✓	✓	✓	

PART II

Provision of common reporting format tables for years reported (continued)

			Years															
			Base year[a]	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Comments
Waste		Sectoral report Table 5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	SWDT	Table 5.A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 5.B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2015. For the years 1990–1998 and 2001–2015 the notation key NO is used. For the years 1999–2000 the notation keys NA and NO are used.
		Table 5.C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2015. For these years the notation keys NA and NO are used.
		Table 5.D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

PART II

Provision of common reporting format tables for years reported (continued)

		Years															
		Base year[a]	*1990*	*1995*	*2000*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*	*2015*	*Comments*
Summary and other tables	Summary table 1.A (Report for national GHG inventories)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Summary table 2 (CO_2 equivalent emissions)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Summary table 3 (Methods/emission factors)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 6 (Indirect emissions of N_2O and CO_2)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 7 (Key categories)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 8 (Recalculation – recalculated data)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 9 (Completeness)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 10 (Trends)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

[a] Parties included in Annex I to the Convention undergoing the process of transition to a market economy may use a base year or a period of years other than 1990, in accordance with the provisions of Article 4, paragraph 6, of the Convention and decision 24/CP.19.

PART III Provision of information relating to recalculations						
Table 8 (Recalculated data)	✓	Comments				
Recalculation reported for years	1990–2014					
Recalculated sectors/gases	Energy	IPPU	Agriculture	LULUCF	Waste	KP-LULUCF
CO_2	✓	✓		✓		✓
CH_4	✓	✓	✓		✓	✓
N_2O	✓		✓		✓	✓
HFCs		✓				
PFCs		✓				
Unspecified mix of HFCs and PFCs						
SF_6		✓				
NF_3						
Percentage difference in aggregate GHG emissions	Base-year estimate [a]	Including LULUCF	0.4%	Excluding LULUCF	0.12%	
	Latest recalculated year [b]	Including LULUCF	3.17%	Excluding LULUCF	1.06%	

[a] Parties included in Annex I to the Convention undergoing the process of transition to a market economy are allowed to use a base year or a period of years other than 1990, in accordance with the provisions of Article 4, paragraph 6, of the Convention and decision 24/CP.19.

[b] The latest recalculated year is the submission year minus three years.

PART IV **Provision of information relating to KP-LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol**				
			Provided	*Observation*
Reporting requirements under decision 2/CMP.8, annex II, paragraphs 1–5	Emissions by sources and removals by sinks are clearly distinguished from emissions from categories included in Annex A to the Kyoto Protocol			
	Information on how inventory methodologies have been applied taking into account the *2006 IPCC Guidelines for National Greenhouse Gas Inventories* and any relevant supplementary guidance recognizing the principles laid out in decision 16/CMP.1			
	Information on the geographical location of the boundaries of areas that encompass			
		Units of land subject to activities under Article 3, paragraph 3		
		Units of land subject to activities under Article 3, paragraph 3, which would otherwise be included in land subject to forest management or elected activities under Article 3, paragraph 4		
		Land subject to forest management or elected activities under Article 3, paragraph 4		
	Information on the spatial assessment unit for determining the area of accounting for afforestation, reforestation and deforestation			
	Information on GHG emissions removals resulting from activities under Article 3, paragraph 3, and Article 3, paragraph 4, for all geographical locations reported in the current and previous years since the beginning of the commitment period or the onset of the activity, whichever comes later			
	Information on carbon pools (above-ground below-ground biomass, litter, dead wood and soil organic carbon) that are not accounted for			
	When a Party applies the provisions for natural disturbances, information demonstrating that these emissions in any single year exceed the background level(s), including a margin, where needed. For this purpose the Party shall include information showing			
		That all lands subject to exclusion due to natural disturbances are identified		
		How annual emissions resulting from natural disturbances and the subsequent removals are estimated and excluded from accounting		
		That no land-use change has occurred on lands for which the provisions in decision 2/CMP.7, annex, paragraph 33, are applied		

PART IV Provision of information relating to KP-LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol (continued)		
	Provided	*Observation*
That events and circumstances were beyond the control of the Party		
The efforts taken to rehabilitate the land for which the provisions contained in decision 2/CMP.7, annex, paragraph 33, are applied		
That emissions associated with salvage logging were not excluded from accounting		
If not accounted for by instantaneous oxidation, information on GHG emissions/removals resulting from changes in the HWP pool accounted for in accordance with decision 2/CMP.7, including		
Activity data for the HWP categories used for estimating the pool removed from domestic forests, for domestic consumption and for export		
Half-lives used in estimating emissions/removals for the HWP categories used		
Whether emissions from HWP originating from forests prior to the start of the second commitment period have been included in the accounting, if the forest management reference level is based on a projection		
How emissions from the HWP pool accounted for in the first commitment period on the basis of instantaneous oxidation have been excluded from the accounting for the second commitment period		
How the HWP resulting from deforestation have been accounted on the basis of instantaneous oxidation		
How CO_2 emissions from HWP in SWDS and from wood harvested for energy purposes have been accounted on the basis of instantaneous oxidation		
How emissions/removals from changes in the HWP pool accounted for do not include imported HWP		
Information on anthropogenic GHGs from LULUCF activities under Article 3, paragraph 3, and Article 3, paragraph 4, factoring out removals from		
Elevated CO_2 concentrations above pre-industrial levels		
Indirect nitrogen deposition		
The dynamic effects of age structure resulting from activities prior to 1 January 1990		

| PART IV
Provision of information relating to KP-LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol (continued) | | |

PART IV Provision of information relating to KP-LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol (continued)					
				Provided	*Observation*
			A demonstration that a new forest of at least equivalent area to the harvested forest plantation is established through direct human-induced planting and/or seeding of non-forested land that did not contain forest on 31 December 1989		
			A demonstration that this newly established forest will reach at least the equivalent carbon stock that was contained in the harvested forest plantation at the time of harvest, within the normal harvesting cycle of the harvested forest plantation, and, if not, a debit would be generated under Article 3, paragraph 4		